

Title (en)

TERMINAL DEVICE, BASE STATION DEVICE, COMMUNICATION METHOD, AND INTEGRATED CIRCUIT

Title (de)

ENDGERÄTEVORRICHTUNG, BASISSTATIONSVORRICHTUNG, KOMMUNIKATIONSVERFAHREN UND INTEGRIERTE SCHALTUNG

Title (fr)

DISPOSITIF TERMINAL, DISPOSITIF DE STATION DE BASE, PROCÉDÉ DE COMMUNICATION ET CIRCUIT INTÉGRÉ

Publication

EP 3451769 A1 20190306 (EN)

Application

EP 17789390 A 20170420

Priority

- JP 2016090466 A 20160428
- JP 2017015830 W 20170420

Abstract (en)

Uplink control information can be efficiently transmitted. A terminal apparatus (1): (i) receives an uplink grant used for scheduling of a PUSCH and an uplink grant used for scheduling of a sPUSCH; (ii) transmits uplink control information; and (iii) in a first case of performing sPUSCH transmission in a first subframe in the primary cell and performing PUSCH transmission in the first subframe in the secondary cell, transmits the uplink control information by using the PUSCH in the first subframe in the secondary cell.

IPC 8 full level

H04W 72/04 (2009.01); **H04W 24/10** (2009.01); **H04W 28/04** (2009.01)

CPC (source: EP KR US)

H04L 1/0026 (2013.01 - EP); **H04L 1/18** (2013.01 - US); **H04L 1/1812** (2013.01 - KR); **H04L 1/1819** (2013.01 - US); **H04L 1/1887** (2013.01 - EP); **H04L 5/001** (2013.01 - EP); **H04L 5/0044** (2013.01 - EP KR); **H04L 5/0053** (2013.01 - KR); **H04L 5/0055** (2013.01 - US); **H04L 5/0083** (2013.01 - US); **H04L 27/2636** (2013.01 - US); **H04W 24/10** (2013.01 - EP KR US); **H04W 28/04** (2013.01 - EP KR US); **H04W 72/04** (2013.01 - EP US); **H04W 72/0446** (2013.01 - US); **H04W 72/12** (2013.01 - EP US); **H04W 72/21** (2023.01 - KR); **H04W 72/23** (2023.01 - KR US); **H04L 5/0053** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3451769 A1 20190306; **EP 3451769 A4 20191113**; **EP 3451769 B1 20210331**; CN 109076520 A 20181221; CN 109076520 B 20221101; JP 2019110359 A 20190704; KR 102325600 B1 20211112; KR 20180137476 A 20181227; RU 2018139856 A 20200528; RU 2018139856 A3 20200619; US 10680786 B2 20200609; US 2019280842 A1 20190912; WO 2017188107 A1 20171102

DOCDB simple family (application)

EP 17789390 A 20170420; CN 201780014436 A 20170420; JP 2016090466 A 20160428; JP 2017015830 W 20170420; KR 20187021769 A 20170420; RU 2018139856 A 20170420; US 201716096682 A 20170420